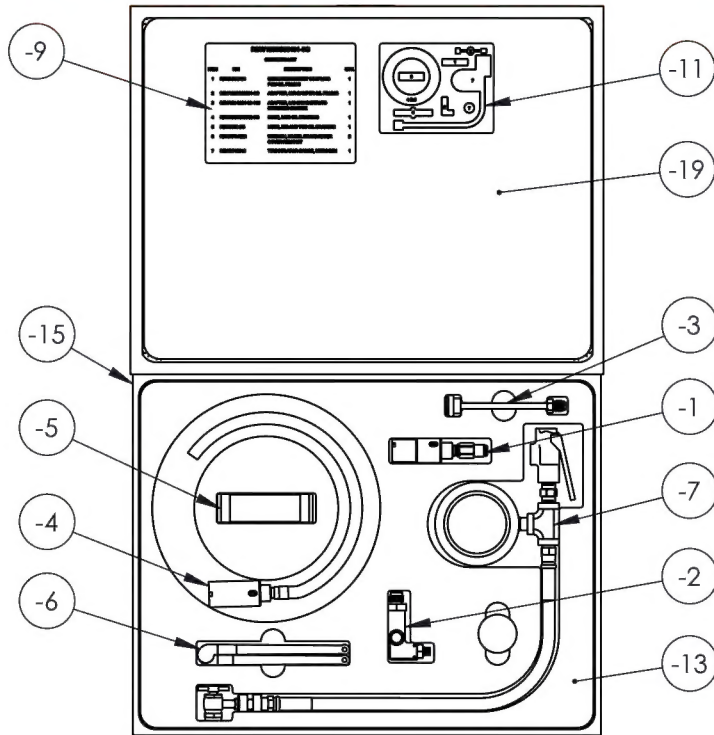
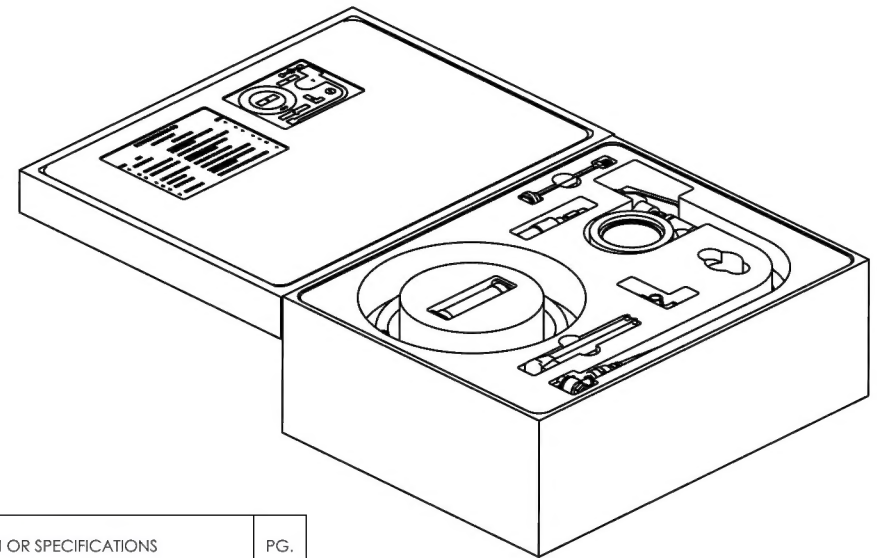


This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

SEE ATTACHED DEVIATION



| REVISIONS | | | | |
|-----------|--|------------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |
| 1 | ADDED -19 TOOL TOP CUSHION AND PAGE 4. | 4/31/2010 | WP | RW |
| 2 | ADDED RADI TO L SHAPE CUT OUT FOR BETTER FINGER ACQUISITION. | 5/6/2010 | WP | RW |
| 3 | DELETED -1A, -1B, -1C FROM BOTTOM CUSHION & ATTACHED TO HOSE. DELETED Ø6.00 CUTOUT FROM CENTER OF BOTTOM CUSHION. CH'D DEPTH OF HOSE CUT OUT FROM 4.75 TO 3.75. CH'D CENTER POST FROM Ø8.25 TO Ø3.50 TO ALLOW MORE ROOM FOR HOSES. CH'D BOM T/N -1, -3, & -5. CH'D -15 FROM IM2700 CASE. CORRECTED -3 P/N FROM RBW109-3501-08-115. | 4/21/2011 | RJC | DW |
| 4 | SHT 3 UPDATED -7 CUTOUT. SHT. 4 ADDED CUTOUTS FOR TIRE INFLATOR, REMOVED FROM BOX. | 12/27/2011 | JAG | |
| 5 | -11 MODIFIED PLACARD TO MATCH BOTTOM TOOL CUSHION -13 MODIFIED CUTOUT FOR TIRE INFLATOR. ADDED CUTOUT FOR -1, MOVED CUTOUTS FOR FIT. | 4/25/2012 | JAG | |
| 6 | CORRECTED -19 Ø1.20 HOLE CUT OUT LOCATION 180° TO FIT LID PROPERLY. | 9/24/2012 | RJC | SE |
| 7 | -11 MODIFIED PLACARD FOR RBW7839-2G, -13 (FOAM) MODIFIED CUTOUT Ø TO ALLOW FOR RBW7839-2G. -19 CH'D PLACARD CUTOUT DEPTH WAS .07 IS .125 | 1/17/2013 | BIM | SE |
| 8 | REDRAWN IN SOLIDWORKS. -9 CORRECTED ITEM -3 T/N WAS RBW109-351-08-115 IS RBW109-3501-08-115. ADDED -21 & -23 RIVET AND WASHER FOR PLACARD. -9 & -11 WAS B/O IS MANUFACTURED. -19 CH'D LOCATION OF CUTOUT ON BACKSIDE. | 10/14/2013 | JAG | RW |



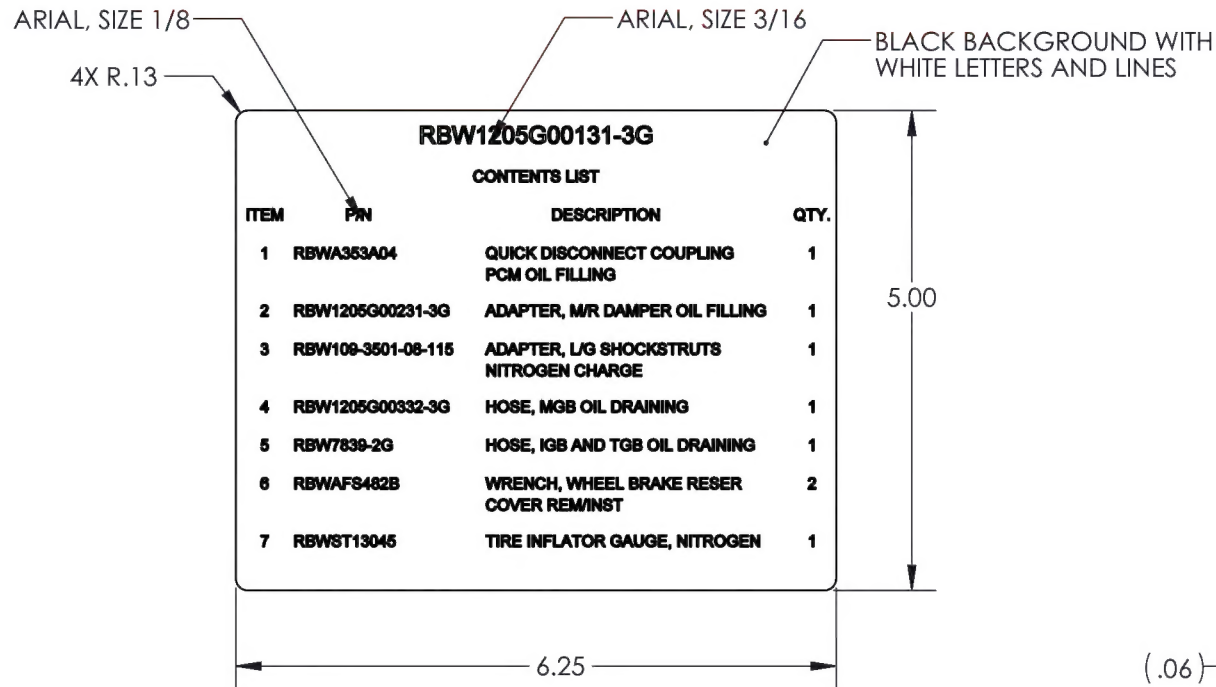
| ASSY QTY | B/O | Part # | QTY. | Description | Material | B/O INFORMATION OR SPECIFICATIONS | PG. |
|----------|-----|--------|------|--|-------------|--|-----|
| | | -1 | 1 | PMC OIL FILLING QUICK DISCONNECT | | RBWA353A04 | 1 |
| | | -2 | 1 | ADAPTER, M/R DAMPER OIL FILLING | | RBW1205G00231-3G | 1 |
| | | -3 | 1 | ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE | | RBW109-3501-08-115 | 1 |
| | | -4 | 1 | HOSE, MGB OIL DRAINING | | RBW1205G00332-3G | 1 |
| | | -5 | 1 | HOSE, IGB & TGB OIL DRAINING | | RBW7839-2G | 1 |
| | B/O | -6 | 2 | WRENCH, WHEEL BRAKE RESER COVER REM/INST | | RBWAFS482B | 1 |
| | B/O | -7 | 1 | TIRE INFLATOR GAUGE, NITROGEN | | RBWST13045 | 1 |
| | | -9 | 1 | CONTENTS PLACARD | PLASTIC | 1/16 X 5-1/8 X 6-3/8 | 2 |
| | | -11 | 1 | LOCATION PLACARD | PLASTIC | 1/16 X 3-7/8 X 4-7/8 | 3 |
| | B/O | -13 | 1 | BOTTOM FOAM | Y-20, BLACK | 5.83 X 14.42 X 18.87 I.R. SPECIALTIES | 4 |
| | B/O | -15 | 1 | CASE | PLASTIC | PELICAN #APP-1550-E | 1 |
| | B/O | -17 | 1 | RED BARN PLACARD | ALUMINUM | RB41009 | N/S |
| | B/O | -19 | 1 | TOP FOAM | Y-20, BLACK | 1.73 X 14.22 X 18.63 I.R. SPECIALTIES | 5 |
| | B/O | -21 | 4 | POP RIVET | ALUMINUM | Ø1/8 X 3/8 EUGENE FASTENER & SUPPLY #RIVRAA4-6X | N/S |
| | B/O | -23 | 4 | RIVET WASHER | ALUMINUM | Ø1/8 X 3/8 X 1/16 EUGENE FASTENER & SUPPLY #RIVRWA-4 | N/S |

| | | | |
|--|--|-------------------------------|--------------|
| <div><div>RB</div><div>RED BARN MACHINE</div></div> | | | |
| TITLE HELICOPTER SERVICING KIT | | | |
| DWG NO. RBW1205G00131-3G | | | REV 8 |
| MAT'L | | DRAWN BY: PERRITT | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | APPROVED <i>D Weil</i> | |
| .XXX ± .005 FRACTIONS ± 1/32 | | REAT | |
| .XX ± .01 ANGLES ± 5° | | TREAT | |
| .X ± .1 | | FINISH | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | | SPEC | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | USED ON MODEL AGUSTA AW139 | |
| SCALE 1:8 | | DATE 4/20/2010 | SHEET 1 OF 5 |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | | |
|-----------|---|------------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |
| 8 | -9 CORRECTED ITEM -3 T/N WAS RBW109-351-08-115 IS RBW109-3501-08-115. | 10/15/2013 | CFS | RW |

SEE ATTACHED DEVIATION



| RBW1205G00131-3G | | | |
|------------------|--------------------|--|------|
| ITEM | P/N | DESCRIPTION | QTY. |
| 1 | RBWA353A04 | QUICK DISCONNECT COUPLING PCM OIL FILLING | 1 |
| 2 | RBW1205G00231-3G | ADAPTER, M/R DAMPER OIL FILLING | 1 |
| 3 | RBW109-3501-08-115 | ADAPTER, L/G SHOCKSTRUTS NITROGEN CHARGE | 1 |
| 4 | RBW1205G00332-3G | HOSE, MGB OIL DRAINING | 1 |
| 5 | RBW7839-2G | HOSE, IGB AND TGB OIL DRAINING | 1 |
| 6 | RBWAFS482B | WRENCH, WHEEL BRAKE RESER COVER REMINST | 2 |
| 7 | RBWST13045 | TIRE INFLATOR GAUGE, NITROGEN | 1 |

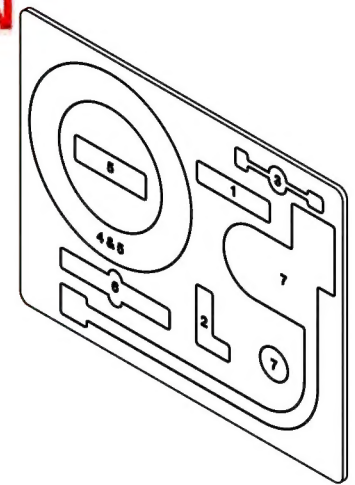
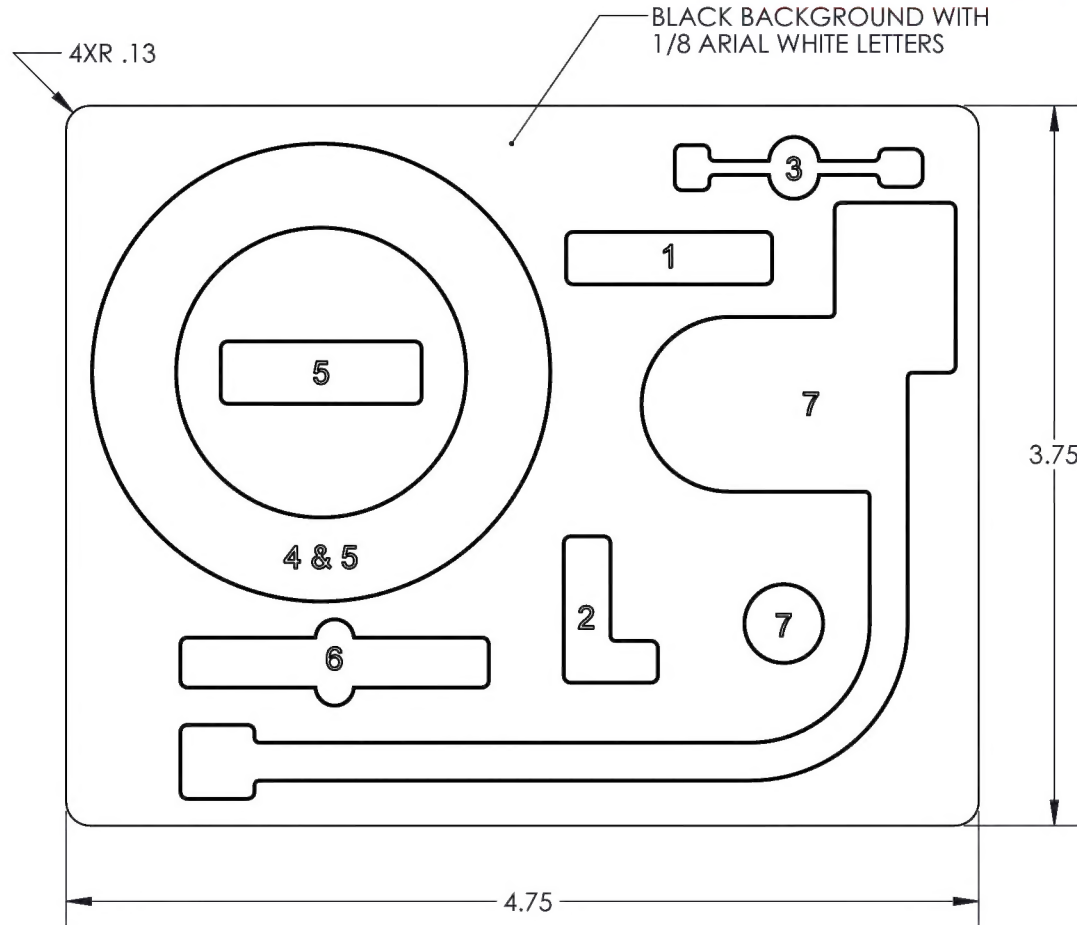
(-9)
CONTENTS PLACARD

| | |
|--|-------------------------------|
| RED BARN MACHINE | |
| TITLE HELICOPTER SERVICING KIT | |
| DWG NO. RBW1205G00131-3G-9 | REV 8 |
| MAT'L PLASTIC | DRAWN BY: SMITH |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | APPROVED <i>D Weil</i> |
| .XXX ± .005 | HEAT |
| .XX ± .01 | TREAT |
| .X ± .1 | FINISH |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R | SPEC |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | USED ON MODEL AGUSTA AW139 |
| SCALE 1:2 | DATE 10/14/2013 |
| SHEET 2 OF 5 | |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.


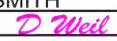
| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | INITIAL |
| | | | APPROVED |

SEE ATTACHED DEVIATION



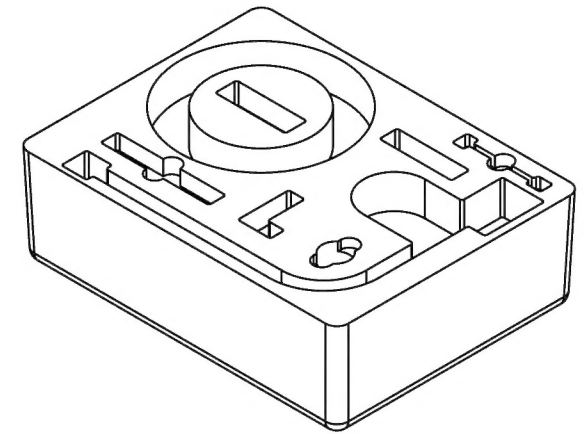
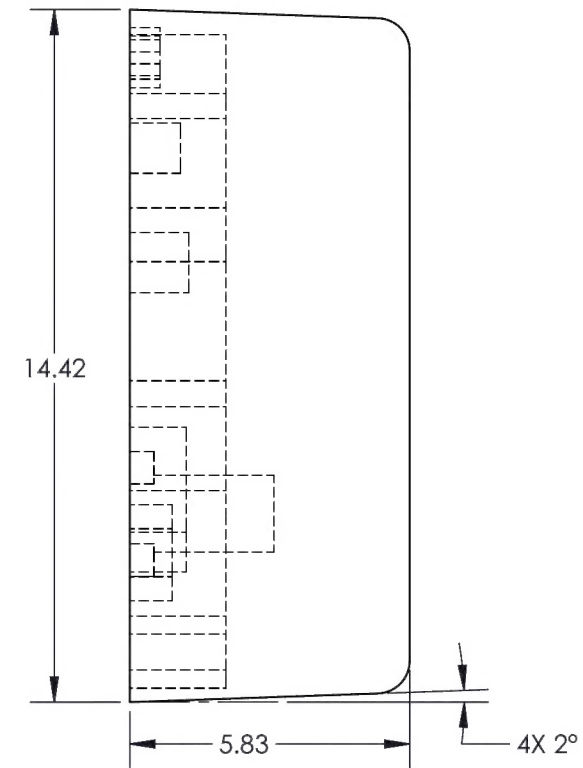
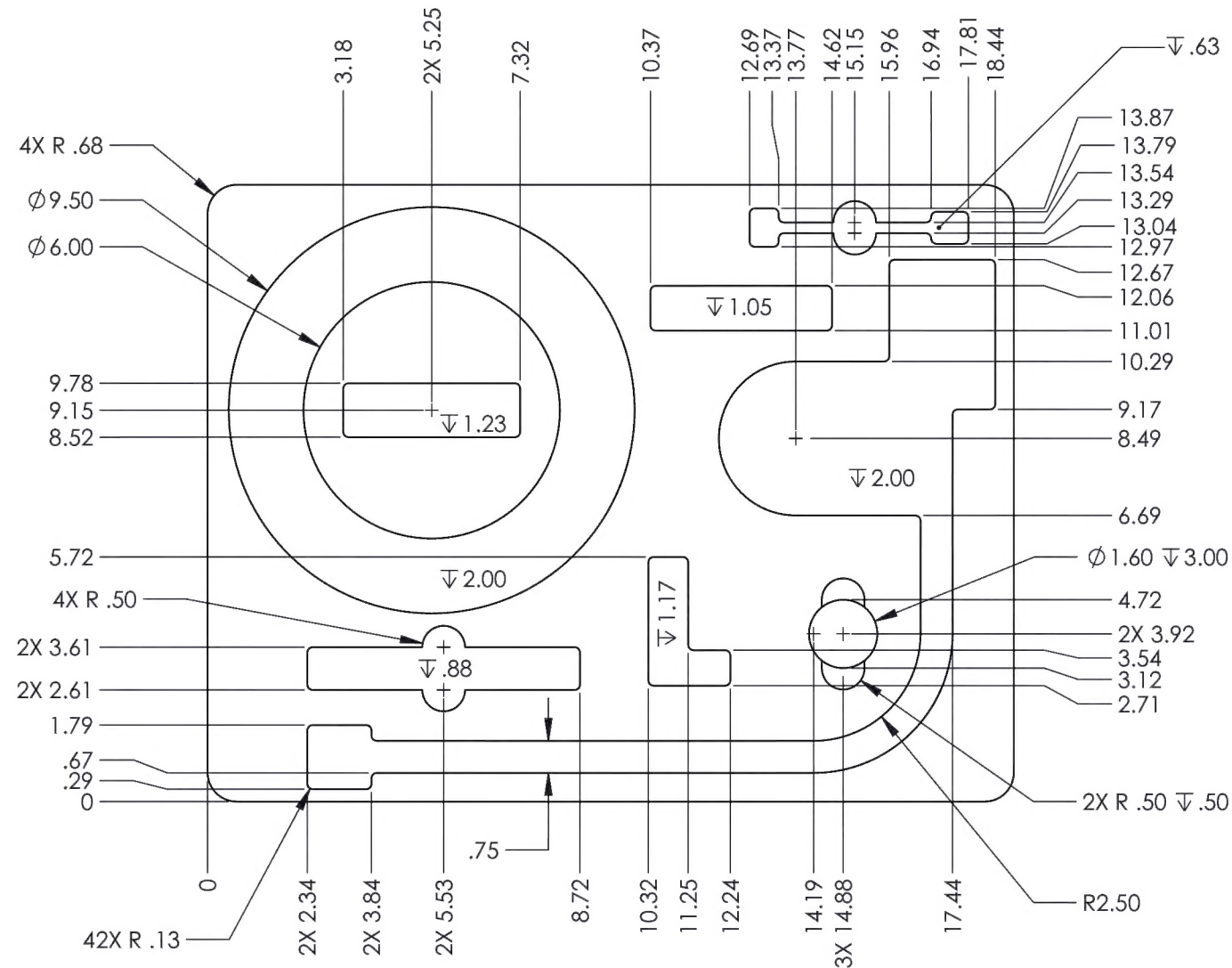
(-11)

LOCATION PLACARD

| | | | |
|---|---------------------------|--|-----------------|
|  RED BARN MACHINE | | | |
| TITLE HELICOPTER SERVICING KIT | | | |
| DWG NO. RBW1205G00131-3G-11 | | | REV 8 |
| MAT'L PLASTIC | | DRAWN BY: SMITH | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 .XX ± .01 .X ± .1 | | APPROVED  | |
| FRACTIONS ± 1/32 ANGLES ± 5° | | HEAT TREAT FINISH | |
| 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | SPEC USED ON MODEL AGUSTA AW139 | |
| SCALE 1:1 | DATE 10/14/2013 | SHEET 3 OF 5 | |

This drawing, specifications, and concepts contained here in are the sole property of Red Barn Machine, and may not be reproduced or used in any fashion without the prior written permission of Red Barn Machine.

| REVISIONS | | | |
|-----------|-------------|------|----------|
| REV | DESCRIPTION | DATE | INITIAL |
| | | | APPROVED |

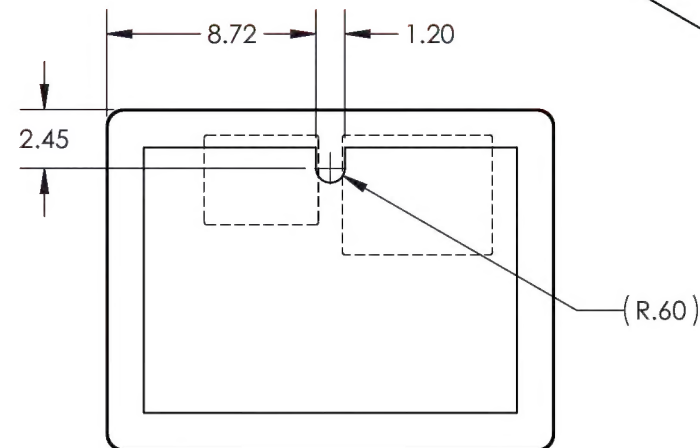



SEE ATTACHED DEVIATION

(-13)
BOTTOM FOAM

| RED BARN MACHINE | | | |
|--|-------------------|---------------------------|----------|
| TITLE HELICOPTER SERVICING KIT | | | |
| DWG NO. RBW1205G00131-3G-13 | | | REV 8 |
| MAT'L Y-20, BLACK | | DRAWN BY: PERRITT | |
| UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES | | APPROVED <i>D Weil</i> | |
| .XXX ± .005 | | FRACTIONS ± 1/32 | |
| .XX ± .01 | | ANGLES ± .5° | |
| .X ± .1 | | SPEC | |
| 1. BREAK ALL SHARP EDGES .015 x 45° | | USED ON MODEL | |
| OR .015R | | AGUSTA AW139 | |
| 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | | | |
| SCALE 1:4 | DATE 4/20/2010 | SHEET 4 OF 5 | |

| REVISIONS | | | | |
|-----------|--------------------------------------|----------|---------|----------|
| REV | DESCRIPTION | DATE | INITIAL | APPROVED |
| 8 | CH'D LOCATION OF CUTOUT ON BACKSIDE. | 3/5/2014 | JAG | |



| | |
|--|---|
|  <h1>RED BARN MACHINE</h1> | |
| TITLE <h2>HELICOPTER SERVICING KIT</h2> | |
| DWG NO. <h3>RBW1205G00131-3G-19</h3> | REV <h3>8</h3> |
| MAT'L Y-20, BLACK UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± .5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x .45" OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING | DRAWN BY: PERRITT APPROVED <i>D Weil</i> HEAT TREAT FINISH SPEC USED ON MODEL AGUSTA AW139 |
| SCALE 1:8 | DATE 4/20/2010 |
| SHEET 5 OF 5 | |

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

| | | | | |
|---|---|--|---|---|
| Job: _____ Part No. <u>RBW1205G00131-3G Rev. 8</u> | DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> | DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier Quality <input type="checkbox"/> </div> </div> | | |
| Date : _____ | Sequence #: _____ | QTY Affected : _____ | MRB (QSI042) Oct 30, 2018 | |
| Description Work Order Deviation | | Disposition | | Completed By |
| Kuri-Tech Hose (K010-0608) easily pulls out of Coupling (McMaster Carr 51495K116) | | Install a 1.0" long, 0.38" OD, 0.25" ID piece of Stainless Steel into one end of the Kuri-Tech Hose until flush. Attach the modified end of the Kuri-Tech Hose to the Coupling before placing tool into packaging (if applicable). This deviation is acceptable. The fit, form and function of the part will be as originally intended. | | Lead hand / Supervisor |
| | | | | QC / QA Coordinator |
| | | | | |
| Root Cause | | FAULT CATEGORY | | |
| <div style="display: flex; flex-direction: column;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Presservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input checked="" type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div> | | <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div> | | |
| Other/Details: | | | | |